

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION

ORDER NO. 72-96

WASTE DISCHARGE REQUIREMENTS  
FOR  
THE CITY OF HALF MOON BAY AND  
DEANE & DEANE, INC.

The California Regional Water Quality Control Board, San Francisco Bay Region, finds that:

- A. The existing waste discharge from City of Half Moon Bay is 0.255 mgd of primary treated sewage from a population of approximately 5,000 which is discharged into the Pacific Ocean about 26 feet below extreme low water.
- B. On July 20, 1972, the City of Half Moon Bay and Deane & Deane, Inc., called the dischargers below, submitted a report of waste discharge for a proposed partial water reclamation project by impoundment and spray irrigation on a golf course located about 3 miles from the City's treatment plant.
- C. Dischargers propose to transport secondary effluent from secondary treatment facilities to be constructed by the City of Half Moon Bay to a landscape impoundment. The wastewater will be pumped to sprinklers for turf irrigation of a golf course. The impoundment and irrigated area are within the property of Deane & Deane, Inc.
- D. This Regional Board has notified the dischargers and interested agencies and persons of its intent to prescribe requirements for this waste discharge.
- E. This Board at a public meeting on October 26, 1972 heard and considered all comments pertaining to this discharge.

IT IS HEREBY ORDERED, the dischargers shall comply with the following:

A. Discharge Specifications

- 1. The treatment or reuse of waste shall not create a nuisance as defined in Section 13050(m) of the California Water Code.

2. The discharge of waste shall not cause:
  - a. Visible, floating, suspended or deposited oil or other products of petroleum origin in waters of the State at any place;
  - b. Any odors recognizable as being of waste origin at any point outside the property of the discharger;
  - c. Groundwaters suitable for domestic use to exceed any of the limits contained in the most recent edition of the United States Public Health Service's Drinking Water Standards or any modifications or additions relating to drinking water quality adopted by the California State Board of Health.

3. The waste shall be at all times an adequately disinfected, oxidized wastewater and shall meet the following quality limits at all times:

BOD	40. mg/l, maximum
Dissolved Oxygen	.5 mg/l, minimum
Dissolved Sulfide	.1 mg/l, maximum
Coliform Organisms	Median MPN shall not exceed twenty-three (23) coliform organisms per 100 milliliters of sample. The median value will be determined from the bacteriological results of the last seven (7) analyses with samples collected and analyzed daily.

4. All equipment, including pumps, piping and valves, storage ponds, etc. which may at any time contain waste shall be adequately and clearly identified with warning signs and discharger shall make all necessary provisions, in addition, to inform the public that the liquid contained therein is sewage and is unfit for human consumption.

#### B. Prohibitions

1. Waste discharge in excess of 0.3 mgd to the golf course is prohibited.
2. No wastes used for irrigation shall be allowed to escape from the golf course via surface flow, surfacing after percolation, or air borne spray.
3. The discharge of waste to the pond or reuse of effluent on the golf course shall be immediately discontinued when any of the above discharge specifications or prohibitions are not complied with.

#### C. Provisions

1. This order includes items numbered 1, 6, 7 and 8 of the attached "Reporting Requirements", dated September 11, 1972.

2. This Order includes items numbered 1, 2, 3, 5 and 6 of the attached "Notifications", dated January 6, 1970.
3. Dischargers shall, prior to commencing discharge, submit a report to the Regional Board documenting to the Executive Officer's satisfaction, their ability to comply with these requirements.

I, Fred H. Dierker, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on October 26, 1972.

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Executive Officer

PDW,RRS,RBJ/jmb  
October 16, 1972

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD

SAN FRANCISCO BAY REGION

SELF-MONITORING PROGRAM  
FOR  
CITY OF HALF MOON BAY AND  
HALF MOON BAY PROPERTIES, INC.

ORDER NO. 72-96

THIS SELF-MONITORING PROGRAM CONSISTS OF A

PART A

and

PART B

Effective 7/6/76

## PART B

### I. DESCRIPTION OF SAMPLING STATIONS

<u>Station Designation</u>	<u>Location</u>
RE-1	Reclaimed effluent monitoring station located at any point in the disinfection facilities of the reclamation plant, at which point adequate contact with the disinfectant is assured.
RE-2	Reclaimed monitoring station located in the conveyance from the reclamation plant to the spray disposal areas at or before the point where any water is diverted.
P-1 through P-"n"	Stations located at periphery of each spray disposal area, at equidistant intervals not to exceed 200 feet. The stations shall include the periphery along Highway 1 and the periphery around the residences on the golf course. A sketch showing locations of all stations should accompany each report.

### II. SCHEDULE OF SAMPLING, ANALYSIS, AND OBSERVATION

<u>Station</u>	<u>Frequency of Sampling</u>	<u>Type of Sample</u>	<u>Analysis Performed</u>	<u>Units</u>
RE-1	Daily	Grab	Coliform Organisms	MPN/100ml
RE-2	Twice per week	Grab	Dissolved Oxygen pH Dissolved Sulfide <sup>1/</sup> Flow	mg/l  mg/l mgd
	Once per Week	Grab	Settleable Matter 20°C-BOD <sub>5</sub> Oil & Grease	cu. ft/day & ml/l/hr lbs/day & mg/l lbs/day & mg/l
	Quarterly	Grab	Ammonia as N Nitrate as N Total Organic Nitrogen Total Phosphate	lbs/day & mg/l lbs/day & mg/l lbs/day & mg/l lbs/day & mg/l
All P Stations	Weekly		All Standard Observations	

<sup>1/</sup> Measure only if dissolved oxygen is less than 5 mg/l

### III. MISCELLANEOUS REPORTING

- A. The users shall phone the Executive Officer immediately upon detecting a violation of any reclaimed water use specifications or prohibitions.

I, Fred H. Dierker, Executive Officer, hereby certify that the foregoing monitoring program:

1. Has been developed in accordance with the procedure set forth in this Regional Board's Resolution No. 73-16 in order to obtain data and document compliance with waste discharge requirements established in Regional Board Order No. 72-96.
2. Does not include the following paragraphs of Part A:  
C.3, C.4, C.5.a, C.5.c, C.5.d, D.1, D.3, D.4, F.1, F.2, and F.3.e.
3. Becomes effective upon commencement of operation.
4. May be reviewed at any time subsequent to the effective date upon written notice from either the Executive Officer or the users, and will be revised upon written agreement of the Executive Officer and the users.

  
FRED H. DIERKER  
Executive Officer